

King County DNRP Water Quality Index

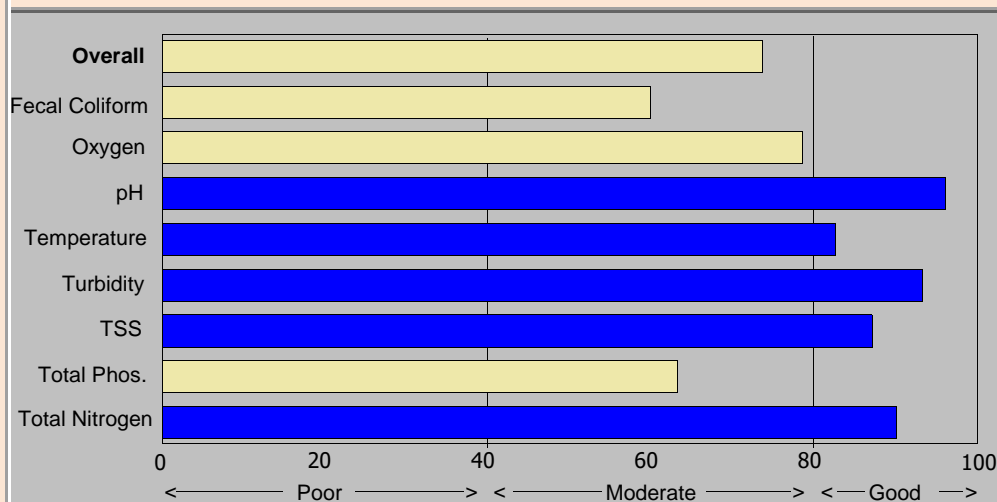
STATION **A680** WATER YEAR **2018**

GAUGE # 15b Pine Lake Creek at E Lake Sammamish Pkwy Overall Index **74**

King County monitors water quality on Pine Lake Creek at station A680, which is located downstream of the railroad tracks between East Lake Sammamish Parkway and the East Lake Sammamish bike trail. Monitoring at this site began in 1987 and continues today. The Pine Lake Creek basin encompasses 1,175 acres within the City of Sammamish. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations temperature, fecal coliform bacteria, and dissolved oxygen standards.

Annual Water Quality Index Scores

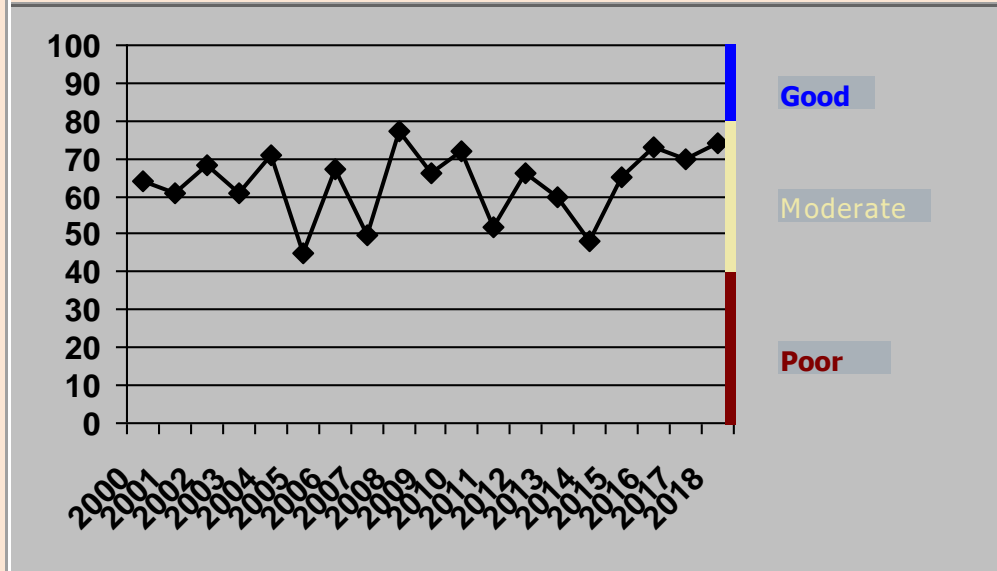
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
88	86	91	86	92	90	79	93	87	75	77	68

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>